

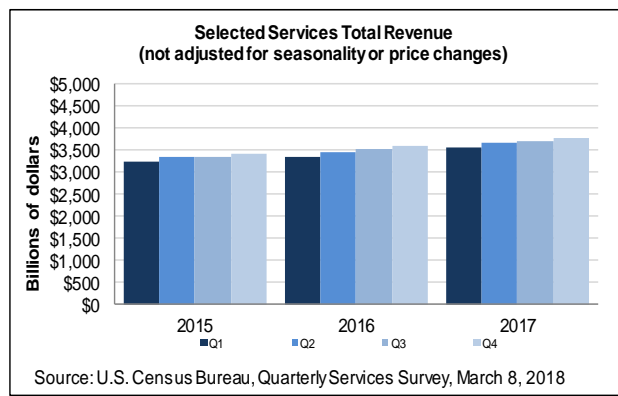
FOR RELEASE AT 10:00 AM EST, THURSDAY, MARCH 8, 2018

## QUARTERLY SELECTED SERVICES ESTIMATES, FOURTH QUARTER 2017

Release Number: CB18-37

**March 8, 2018** — The U.S. Census Bureau announced the following selected services estimates for the fourth calendar quarter of 2017:

SELECTED SERVICES TOTAL REVENUE		
4Q 2017	\$3,786.8 billion	+2.2 %
3Q 2017 (revised)	\$3,704.5 billion	+1.0 %
Next release: May 18, 2018		
Data are not adjusted for seasonality or price changes. Source: U.S. Census Bureau, Quarterly Services Survey, March 8, 2018		



### Selected Services Total

U.S. selected services total revenue for the fourth quarter of 2017, not adjusted for seasonal variation or price changes, was \$3,786.8 billion, an increase of 2.2 percent ( $\pm 0.2$  percent) from the third quarter of 2017 and up 5.0 percent ( $\pm 3.6$  percent) from the fourth quarter of 2016. The third quarter of 2017 to fourth quarter of 2017 percentage change was revised from the advance estimate of 2.4 percent ( $\pm 0.4$  percent).

### Information

U.S. information sector revenue for the fourth quarter of 2017, adjusted for seasonal variation but not for price changes, was \$405.6 billion, an increase of 1.3 percent ( $\pm 0.6$  percent) from the third quarter of 2017 and up 6.5 percent ( $\pm 3.2$  percent) from the fourth quarter of 2016. The second quarter of 2017 to third quarter of 2017 percentage change was revised from 1.8 percent ( $\pm 0.6$  percent) to 2.1 percent ( $\pm 0.4$  percent).

### Professional, scientific, and technical services

U.S. professional, scientific, and technical services revenue for the fourth quarter of 2017, adjusted for seasonal variation but not for price changes, was \$443.8 billion, an increase of 1.1 percent ( $\pm 1.1$  percent)\* from the third quarter of 2017 and up 1.3 percent ( $\pm 5.9$  percent)\* from the fourth quarter of 2016. The second quarter of 2017 to third quarter of 2017 percentage change was not revised from 0.0 percent ( $\pm 1.1$  percent)\*.

### Administrative and support and waste management and remediation services

U.S. administrative and support and waste management and remediation services revenue for the fourth quarter of 2017, adjusted for seasonal variation but not for price changes, was \$241.2 billion, an increase of 0.8 percent ( $\pm 1.1$  percent)\* from the third quarter of 2017 and up 6.7 percent ( $\pm 6.6$  percent) from the fourth

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quarter of 2016. The second quarter of 2017 to third quarter of 2017 percentage change was revised from 1.2 percent ( $\pm 1.1$  percent) to 1.3 percent ( $\pm 0.9$  percent).

### **Utilities**

U.S. utilities revenue for the fourth quarter of 2017, not adjusted for seasonal variation, or price changes, was \$145.0 billion, a decrease of 7.6 percent ( $\pm 2.7$  percent) from the third quarter of 2017 and up 3.0 percent ( $\pm 7.6$  percent)\* from the fourth quarter of 2016. The third quarter of 2017 to fourth quarter of 2017 percentage change was revised from the advance estimate of -6.3 percent ( $\pm 2.7$  percent).

### **Transportation and warehousing**

U.S. transportation and warehousing revenue for the fourth quarter of 2017, not adjusted for seasonal variation, or price changes, was \$229.5 billion, a decrease of 1.2 percent ( $\pm 1.1$  percent) from the third quarter of 2017 and up 3.0 percent ( $\pm 7.0$  percent)\* from the fourth quarter of 2016. The third quarter of 2017 to fourth quarter of 2017 percentage change was revised from the advance estimate of -1.0 percent ( $\pm 0.9$  percent).

### **Finance and insurance**

U.S. finance and insurance revenue for the fourth quarter of 2017, not adjusted for seasonal variation, or price changes, was \$1,166.1 billion, an increase of 2.0 percent ( $\pm 0.8$  percent) from the third quarter of 2017 and up 6.5 percent ( $\pm 10.2$  percent)\* from the fourth quarter of 2016. The third quarter of 2017 to fourth quarter of 2017 percentage change was revised from the advance estimate of 1.9 percent ( $\pm 0.8$  percent).

### **Real estate and rental and leasing**

U.S. real estate and rental and leasing revenue for the fourth quarter of 2017, not adjusted for seasonal variation, or price changes, was \$174.2 billion, an increase of 1.2 percent ( $\pm 1.1$  percent) from the third quarter of 2017 and up 6.5 percent ( $\pm 10.4$  percent)\* from the fourth quarter of 2016. The third quarter of 2017 to fourth quarter of 2017 percentage change was revised from the advance estimate of 1.5 percent ( $\pm 1.1$  percent).

### **Educational services**

U.S. educational services revenue for the fourth quarter of 2017, not adjusted for seasonal variation, or price changes, was \$16.9 billion, a decrease of 0.8 percent ( $\pm 3.4$  percent)\* from the third quarter of 2017 and up 7.3 percent ( $\pm 10.6$  percent)\* from the fourth quarter of 2016. The third quarter of 2017 to fourth quarter of 2017 percentage change was revised from the advance estimate of -0.5 percent ( $\pm 3.6$  percent)\*.

### **Health care and social assistance**

U.S. health care and social assistance revenue for the fourth quarter of 2017, not adjusted for seasonal variation, or price changes, was \$649.8 billion, an increase of 3.3 percent ( $\pm 0.6$  percent) from the third quarter of 2017 and up 3.7 percent ( $\pm 2.7$  percent) from the fourth quarter of 2016. The third quarter of 2017 to fourth quarter of 2017 percentage change was revised from the advance estimate of 3.2 percent

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(± 0.6 percent).

### **Arts, entertainment, and recreation**

U.S. arts, entertainment, and recreation revenue for the fourth quarter of 2017, not adjusted for seasonal variation, or price changes, was \$69.3 billion, a decrease of 4.8 percent (± 2.7 percent) from the third quarter of 2017 and up 3.7 percent (± 7.4 percent)\* from the fourth quarter of 2016. The third quarter of 2017 to fourth quarter of 2017 percentage change was revised from the advance estimate of -4.1 percent (± 2.8 percent).

### **Accommodation**

U.S. accommodation revenue for the fourth quarter of 2017, not adjusted for seasonal variation, or price changes, was \$59.7 billion, a decrease of 11.9 percent (± 1.3 percent) from the third quarter of 2017 and up 0.7 percent (± 7.8 percent)\* from the fourth quarter of 2016. The third quarter of 2017 to fourth quarter of 2017 percentage change was revised from the advance estimate of -12.9 percent (± 0.8 percent).

### **Other services (except public administration)**

U.S. other services (except public administration) revenue for the fourth quarter of 2017, not adjusted for seasonal variation, or price changes, was \$158.3 billion, an increase of 11.0 percent (± 5.9 percent) from the third quarter of 2017 and up 9.9 percent (± 9.7 percent) from the fourth quarter of 2016. The third quarter of 2017 to fourth quarter of 2017 percentage change was revised from the advance estimate of 11.6 percent (± 4.2 percent).

### **Benchmarking**

Effective with this release, seasonally adjusted services estimates have been revised to reflect historical corrections, new seasonal factors, and results of the 2016 Service Annual Survey. Not seasonally adjusted estimates for all items and industry levels were revised effective with the February 2018 release for the fourth quarter of 2017 to reflect historical corrections and results of the 2016 Service Annual Survey.

### **API**

The Census Bureau's application programming interface lets developers create custom apps to reach new users and makes key demographic, socio-economic and housing statistics more accessible than ever before.

[<www.census.gov/developers/>](http://www.census.gov/developers/)

### **Release Schedule**

The first quarter 2018 Quarterly Services Advance Report is scheduled for release on May 18, 2018. View the full schedule in the Economic Briefing Room: [<www.census.gov/economic-indicators/>](http://www.census.gov/economic-indicators/).

Additional industry detail and estimates of revenue, expenses, inpatient days, and discharges can be found at [<www.census.gov/services/>](http://www.census.gov/services/).

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**\*The 90 percent confidence interval includes zero. There is insufficient evidence to conclude that the actual change is different from zero.**

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**Table 1a. Selected Services - Estimated Quarterly Revenue for Employer Firms, Seasonally Adjusted<sup>1</sup>**

[Estimates are adjusted for seasonal variation but not for price change and are based on data from the Quarterly Services Survey. For additional information see [www.census.gov/services](http://www.census.gov/services)]

2012 NAICS code <sup>2</sup>	Kind of business	Total revenue (millions of dollars)						Percent change					
		4Q 2017 (p)	3Q 2017 (r)	2Q 2017 (r)	1Q 2017 (r)	4Q 2016 (r)	3Q 2016 (r)	4Q 2017 from 3Q 2017 (p)	3Q 2017 from 2Q 2017 (r)	2Q 2017 from 1Q 2017 (r)	1Q 2017 from 4Q 2016 (r)	4Q 2017 from 4Q 2016 (p)	3Q 2017 from 3Q 2016 (r)
<b>51</b>	<b>Information .....</b>	<b>405,581</b>	<b>400,374</b>	<b>392,281</b>	<b>386,776</b>	<b>380,861</b>	<b>377,472</b>	<b>1.3</b>	<b>2.1</b>	<b>1.4</b>	<b>1.6</b>	<b>6.5</b>	<b>6.1</b>
5112	Software publishers.....	59,432	61,341	58,046	56,722	55,082	53,512	-3.1	5.7	2.3	3.0	7.9	14.6
512	Motion picture and sound recording industries .....	26,470	26,693	26,494	26,978	25,709	25,999	-0.8	0.8	-1.8	4.9	3.0	2.7
<b>54</b>	<b>Professional, scientific, and technical services<sup>3</sup> .....</b>	<b>443,751</b>	<b>439,034</b>	<b>438,989</b>	<b>439,198</b>	<b>437,859</b>	<b>433,950</b>	<b>1.1</b>	<b>Z</b>	<b>Z</b>	<b>0.3</b>	<b>1.3</b>	<b>1.2</b>
5411	Legal services <sup>3</sup> .....	74,378	71,681	72,689	73,109	73,647	71,020	3.8	-1.4	-0.6	-0.7	1.0	0.9
5412	Accounting, tax preparation, bookkeeping, and payroll services .....	44,390	42,867	44,167	43,974	42,834	42,474	3.6	-2.9	0.4	2.7	3.6	0.9
<b>56</b>	<b>Administrative and support and waste management and remediation services<sup>4</sup> .....</b>	<b>241,187</b>	<b>239,357</b>	<b>236,302</b>	<b>232,608</b>	<b>226,139</b>	<b>220,624</b>	<b>0.8</b>	<b>1.3</b>	<b>1.6</b>	<b>2.9</b>	<b>6.7</b>	<b>8.5</b>
5613	Employment services .....	96,333	97,936	95,935	94,938	90,637	87,040	-1.6	2.1	1.1	4.7	6.3	12.5
5615	Travel arrangement and reservation services .....	11,136	11,503	11,073	11,058	11,050	11,000	-3.2	3.9	0.1	0.1	0.8	4.6
561 pt	Other administrative and support services <sup>5</sup> .....	109,875	106,073	105,550	102,889	100,917	99,505	3.6	0.5	2.6	2.0	8.9	6.6
562	Waste management and remediation services .....	23,843	23,845	23,744	23,723	23,535	23,079	Z	0.4	0.1	0.8	1.3	3.3
<b>622</b>	<b>Hospitals.....</b>	<b>279,024</b>	<b>276,414</b>	<b>271,629</b>	<b>271,190</b>	<b>271,412</b>	<b>265,318</b>	<b>0.9</b>	<b>1.8</b>	<b>0.2</b>	<b>-0.1</b>	<b>2.8</b>	<b>4.2</b>

(p) Preliminary estimate. (r) Revised estimate. Z Absolute value is less than .05.

(1) The seasonal factors are based on a short time series that may not have stable seasonal patterns. As more estimates are added to the time series, large revisions in seasonal factors and consequently historical estimates may be observed. Data users should exercise caution when drawing inferences based on the seasonally adjusted estimates. Unless otherwise specified, seasonally adjusted estimates are obtained using a direct seasonal adjustment at the published NAICS (North American Industry Classification System) level.

(2) For a full description of the NAICS (North American Industry Classification System) codes used in this table, see the 2012 NAICS manual or [www.census.gov/eos/www/naics/](http://www.census.gov/eos/www/naics/).

(3) Excludes NAICS 54112 (Offices of notaries).

(4) Seasonally adjusted estimates for NAICS 56 are obtained by summing the seasonally adjusted estimates for 5613, 5615, 561pt, and 562.

(5) Includes NAICS 5611 (Office administrative services), 5612 (Facilities support services), 5614 (Business support services), 5616 (Investigation and security services), 5617 (Services to buildings and dwellings), and 5619 (Other support services).

Note: Estimates cover taxable and tax-exempt firms unless otherwise specified. Additionally, estimates for some sectors and subsectors may include data for kinds of business not shown. Table 2 provides estimated measures of sampling variability. Data users who create their own estimates using data from this report should cite the U.S. Census Bureau as the source of the original data only. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions may be found at [www.census.gov/services/qss/cv.html](http://www.census.gov/services/qss/cv.html).

**Table 1b. Selected Services - Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted**

[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey. For additional information see [www.census.gov/services](http://www.census.gov/services)]

2012 NAICS code <sup>1</sup>	Kind of business	Total revenue (millions of dollars)						Percent change				Year to date		
		4Q 2017 (p)	3Q 2017	2Q 2017	1Q 2017	4Q 2016	3Q 2016	4Q 2017 from 3Q 2017 (p)	3Q 2017 from 2Q 2017	4Q 2017 from 4Q 2016 (p)	3Q 2017 from 3Q 2016	2017 (p)	2016	2017 from 2016 (p)
	<b>Selected Services Total<sup>2</sup></b> .....	<b>3,786,798</b>	<b>3,704,477</b>	<b>3,667,361</b>	<b>3,561,457</b>	<b>3,606,206</b>	<b>3,525,119</b>	<b>2.2</b>	<b>1.0</b>	<b>5.0</b>	<b>5.1</b>	<b>14,720,093</b>	<b>13,947,104</b>	<b>5.5</b>
<b>22</b>	<b>Utilities<sup>3</sup></b> .....	<b>145,016</b>	<b>156,994</b>	<b>138,066</b>	<b>149,842</b>	<b>140,851</b>	<b>155,185</b>	<b>-7.6</b>	<b>13.7</b>	<b>3.0</b>	<b>1.2</b>	<b>589,918</b>	<b>570,054</b>	<b>3.5</b>
2211	Electric power generation, transmission and distribution .....	109,310	134,196	113,059	110,521	110,237	134,302	-18.5	18.7	-0.8	-0.1	467,086	462,086	1.1
2212	Natural gas distribution .....	31,997	18,472	21,352	36,018	27,037	17,047	73.2	-13.5	18.3	8.4	107,839	94,007	14.7
2213	Water, sewage and other systems .....	3,709	4,326	3,655	3,303	3,577	3,836	-14.3	18.4	3.7	12.8	14,993	13,961	7.4
<b>48-49</b>	<b>Transportation and warehousing<sup>4</sup></b> .....	<b>229,459</b>	<b>232,174</b>	<b>231,425</b>	<b>214,154</b>	<b>222,706</b>	<b>225,103</b>	<b>-1.2</b>	<b>0.3</b>	<b>3.0</b>	<b>3.1</b>	<b>907,212</b>	<b>875,642</b>	<b>3.6</b>
481	Air transportation .....	49,306	52,351	52,592	45,822	48,559	52,611	-5.8	-0.5	1.5	-0.5	200,071	198,973	0.6
483	Water transportation .....	11,127	12,968	10,664	10,006	10,490	12,137	-14.2	21.6	6.1	6.8	44,765	42,819	4.5
4831	Deep sea, coastal, and Great Lakes water transportation.....	9,156	11,012	8,831	8,102	8,433	10,098	-16.9	24.7	8.6	9.1	37,101	34,789	6.6
4832	Inland water transportation.....	1,971	1,956	1,833	1,904	2,057	2,039	0.8	6.7	-4.2	-4.1	7,664	8,030	-4.6
484	Truck transportation .....	66,814	69,168	68,512	62,497	64,687	67,033	-3.4	1.0	3.3	3.2	266,991	258,501	3.3
4841	General freight trucking .....	43,271	44,067	43,470	40,501	42,102	42,884	-1.8	1.4	2.8	2.8	171,309	167,986	2.0
48412	General freight trucking, long-distance .....	36,932	37,112	36,142	33,879	35,631	36,223	-0.5	2.7	3.7	2.5	144,065	141,683	1.7
4842	Specialized freight trucking .....	23,543	25,101	25,042	21,996	22,585	24,149	-6.2	0.2	4.2	3.9	95,682	90,515	5.7
485	Transit and ground passenger transportation .....	9,613	8,522	9,826	9,286	9,549	8,019	12.8	-13.3	0.7	6.3	37,247	35,476	5.0
486	Pipeline transportation .....	12,559	11,319	11,098	11,620	11,683	10,967	11.0	2.0	7.5	3.2	46,596	44,459	4.8
487	Scenic and sightseeing transportation .....	833	1,742	1,077	544	728	1,244	-52.2	61.7	14.4	40.0	4,196	3,571	17.5
488	Support activities for transportation .....	45,743	45,439	47,036	44,660	45,906	44,345	0.7	-3.4	-0.4	2.5	182,878	175,822	4.0
492	Couriers and messengers .....	23,727	21,334	21,410	20,939	22,508	20,367	11.2	-0.4	5.4	4.7	87,410	82,994	5.3
493	Warehousing and storage .....	9,737	9,331	9,210	8,780	8,596	8,380	4.4	1.3	13.3	11.3	37,058	33,027	12.2
<b>51</b>	<b>Information</b> .....	<b>423,832</b>	<b>392,767</b>	<b>388,358</b>	<b>380,588</b>	<b>398,000</b>	<b>370,300</b>	<b>7.9</b>	<b>1.1</b>	<b>6.5</b>	<b>6.1</b>	<b>1,585,545</b>	<b>1,497,831</b>	<b>5.9</b>
511	Publishing industries (except Internet) .....	89,014	81,595	80,539	76,561	83,812	74,795	9.1	1.3	6.2	9.1	327,709	307,400	6.6
51111	Newspaper publishers .....	6,592	5,819	6,016	5,847	6,664	6,245	13.3	-3.3	-1.1	-6.8	24,274	25,392	-4.4
51112	Periodical publishers .....	7,163	6,893	7,036	6,523	7,444	7,033	3.9	-2.0	-3.8	-2.0	27,615	28,237	-2.2
5111 pt	Book, directory and mailing list, and other publishers <sup>5</sup> .....	10,597	11,161	9,963	8,547	9,775	11,269	-5.1	12.0	8.4	-1.0	40,268	40,111	0.4
5112	Software publishers .....	64,662	57,722	57,524	55,644	59,929	50,248	12.0	0.3	7.9	14.9	235,552	213,660	10.2
512	Motion picture and sound recording industries .....	28,164	25,492	25,726	27,167	27,457	24,855	10.5	-0.9	2.6	2.6	106,549	103,765	2.7
515	Broadcasting (except Internet) .....	44,419	38,915	39,868	39,409	42,841	38,700	14.1	-2.4	3.7	0.6	162,611	157,480	3.3
5151	Radio and television broadcasting .....	21,804	18,021	18,807	18,577	21,480	18,696	21.0	-4.2	1.5	-3.6	77,209	75,717	2.0
5152	Cable and other subscription programming .....	22,615	20,894	21,061	20,832	21,361	20,004	8.2	-0.8	5.9	4.4	85,402	81,763	4.5
517	Telecommunications .....	165,010	159,801	158,897	157,136	162,849	158,360	3.3	0.6	1.3	0.9	640,844	632,124	1.4
5171	Wired telecommunications carriers .....	83,320	82,619	82,639	81,964	82,976	81,388	0.8	Z	0.4	1.5	330,542	325,580	1.5
5172	Wireless telecommunications carriers (except satellite) .....	69,804	65,398	64,955	64,102	68,690	65,961	6.7	0.7	1.6	-0.9	264,259	262,749	0.6
517 pt	Other telecommunications <sup>6</sup> .....	11,886	11,784	11,303	11,070	11,183	11,011	0.9	4.3	6.3	7.0	46,043	43,795	5.1
518	Data processing, hosting, and related services .....	44,156	40,977	39,029	37,309	37,752	35,986	7.8	5.0	17.0	13.9	161,471	143,319	12.7
519	Other information services.....	53,069	45,987	44,299	43,006	43,289	37,604	15.4	3.8	22.6	22.3	186,361	153,743	21.2
<b>52</b>	<b>Finance and insurance<sup>7</sup></b> .....	<b>1,166,113</b>	<b>1,143,556</b>	<b>1,134,023</b>	<b>1,108,194</b>	<b>1,095,295</b>	<b>1,080,755</b>	<b>2.0</b>	<b>0.8</b>	<b>6.5</b>	<b>5.8</b>	<b>4,551,886</b>	<b>4,268,984</b>	<b>6.6</b>
52 pt	Finance and insurance (except monetary authorities-central bank) <sup>8</sup> .....	1,136,948	1,115,132	1,104,004	1,079,037	1,070,247	1,052,728	2.0	1.0	6.2	5.9	4,435,121	4,156,777	6.7
521	Monetary authorities-central bank .....	29,165	28,424	30,019	29,157	25,048	28,027	2.6	-5.3	16.4	1.4	116,765	112,207	4.1
522	Credit intermediation and related activities.....	318,123	313,348	306,019	295,779	296,296	298,188	1.5	2.4	7.4	5.1	1,233,269	1,165,830	5.8
5221	Depository credit intermediation.....	146,716	143,354	139,864	133,415	133,995	132,943	2.3	2.5	9.5	7.8	563,349	519,930	8.4
5222	Nondepository credit intermediation.....	144,753	144,518	140,740	138,014	137,792	140,459	0.2	2.7	5.1	2.9	568,025	551,321	3.0
5223	Activities related to credit intermediation.....	26,654	25,476	25,415	24,350	24,509	24,786	4.6	0.2	8.8	2.8	101,895	94,579	7.7
523	Securities, commodity contracts, and other financial investments and related activities .....	171,465	164,473	163,086	163,799	156,614	152,713	4.3	0.9	9.5	7.7	662,823	600,064	10.5
5231	Securities and commodity contracts intermediation and brokerage .....	72,622	72,321	72,866	74,330	68,436	68,512	0.4	-0.7	6.1	5.6	292,139	266,909	9.5
5232	Securities and commodity exchanges .....	3,044	2,997	3,127	3,116	2,906	2,683	1.6	-4.2	4.7	11.7	12,284	11,408	7.7
5239	Other financial investment activities .....	95,799	89,155	87,093	86,353	85,272	81,518	7.5	2.4	12.3	9.4	358,400	321,747	11.4
524	Insurance carriers and related activities .....	647,360	637,311	634,899	619,459	617,337	601,827	1.6	0.4	4.9	5.9	2,539,029	2,390,883	6.2
5241	Insurance carriers .....	553,847	546,717	545,809	531,335	530,571	516,614	1.3	0.2	4.4	5.8	2,177,708	2,055,088	6.0
5242	Agencies, brokerages, and other insurance related activities .....	93,513	90,594	89,090	88,124	86,766	85,213	3.2	1.7	7.8	6.3	361,321	335,795	7.6
<b>53</b>	<b>Real estate and rental and leasing</b> .....	<b>174,184</b>	<b>172,036</b>	<b>170,428</b>	<b>156,908</b>	<b>163,508</b>	<b>162,511</b>	<b>1.2</b>	<b>0.9</b>	<b>6.5</b>	<b>5.9</b>	<b>673,556</b>	<b>632,565</b>	<b>6.5</b>
531	Real estate .....	120,579	119,396	118,963	109,704	113,372	112,940	1.0	0.4	6.4	5.7	468,642	437,916	7.0
5311	Lessors of real estate.....	68,262	66,905	65,915	64,365	64,653	63,111	2.0	1.5	5.6	6.0	265,447	250,651	5.9
5312	Offices of real estate agents and brokers .....	28,978	29,256	30,046	23,316	26,175	27,889	-1.0	-2.6	10.7	4.9	111,596	102,271	9.1
5313	Activities related to real estate.....	23,339	23,235	23,002	22,023	22,544	21,940	0.4	1.0	3.5	5.9	91,599	84,994	7.8
532	Rental and leasing services .....	41,676	42,029	40,920	37,679	38,886	40,026	-0.8	2.7	7.2	5.0	162,304	154,221	5.2
5321	Automotive equipment rental and leasing .....	14,867	15,755	14,598	13,363	14,240	15,513	-5.6	7.9	4.4	1.6	58,583	57,144	2.5
53211	Passenger car rental and leasing.....	9,815	10,616	9,641	8,988	9,551	10,613	-7.5	10.1	2.8	Z	39,060	38,530	1.4
53212	Truck, utility trailer, and RV (recreational vehicle) rental and leasing .....	5,052	5,139	4,957	4,375	4,689	4,900	-1.7	3.7	7.7	4.9	19,523	18,614	4.9
5322	Consumer goods rental .....	5,398	5,623	5,828	5,656	5,503	5,405	-4.0	-3.5	-1.9	4.0	22,505	22,554	-0.2
5323	General rental centers.....	S	S	S	S	S	S	S	S	S	S	S	S	S
5324	Commercial and industrial machinery and equipment rental and leasing .....	20,567	19,791	19,687	18,077	18,480	18,305	3.9	0.5	11.3	8.1	78,122	71,790	8.8
533	Lessors of nonfinancial intangible assets (except copyrighted works) .....	11,929	10,611	10,545	9,525	11,250	9,545	12.4	0.6	6.0	11.2	42,610	40,428	5.4

**Table 1b. Selected Services - Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted**

 [Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey. For additional information see [www.census.gov/services](http://www.census.gov/services)]

2012 NAICS code <sup>1</sup>	Kind of business	Total revenue (millions of dollars)						Percent change				Year to date		
		4Q 2017 (p)	3Q 2017	2Q 2017	1Q 2017	4Q 2016	3Q 2016	4Q 2017 from 3Q 2017 (p)	3Q 2017 from 2Q 2017	4Q 2017 from 4Q 2016 (p)	3Q 2017 from 3Q 2016	2017 (p)	2016	2017 from 2016 (p)
<b>54</b>	<b>Professional, scientific, and technical services<sup>9</sup></b>	<b>452,182</b>	<b>435,083</b>	<b>442,940</b>	<b>430,853</b>	<b>446,178</b>	<b>430,478</b>	<b>3.9</b>	<b>-1.8</b>	<b>1.3</b>	<b>1.1</b>	<b>1,761,058</b>	<b>1,726,542</b>	<b>2.0</b>
5411	Legal services <sup>9</sup>	83,675	71,323	71,889	65,213	82,632	70,878	17.3	-0.8	1.3	0.6	292,100	287,614	1.6
5412	Accounting, tax preparation, bookkeeping, and payroll services	38,397	38,023	47,347	51,625	37,051	37,844	1.0	-19.7	3.6	0.5	175,392	167,567	4.7
5413	Architectural, engineering, and related services	74,807	77,260	75,448	73,986	77,270	76,590	-3.2	2.4	-3.2	0.9	301,501	301,267	0.1
5413 pt	Architectural and related services <sup>10</sup>	16,136	17,031	17,573	17,121	18,136	17,944	-5.3	-3.1	-11.0	-5.1	67,861	70,386	-3.6
54133	Engineering services	58,671	60,229	57,875	56,865	59,134	58,646	-2.6	4.1	-0.8	2.7	233,640	230,881	1.2
5414	Specialized design services	6,169	5,895	6,202	5,861	6,142	5,818	4.6	-5.0	0.4	1.3	24,127	23,483	2.7
5415	Computer systems design and related services	96,155	95,877	96,681	93,045	93,813	93,677	0.3	-0.8	2.5	2.3	381,758	368,743	3.5
5416	Management, scientific, and technical consulting services	69,032	67,154	64,782	63,475	65,449	64,371	2.8	3.7	5.5	4.3	264,443	254,451	3.9
5417	Scientific research and development services	35,666	33,376	33,159	32,408	36,098	34,558	6.9	0.7	-1.2	-3.4	134,609	138,681	-2.9
5418	Advertising, public relations, and related services	27,936	26,111	26,654	25,815	27,017	26,125	7.0	-2.0	3.4	-0.1	106,516	103,737	2.7
5419	Other professional, scientific, and technical services	20,345	20,064	20,778	19,425	20,706	20,617	1.4	-3.4	-1.7	-2.7	80,612	80,999	-0.5
<b>56</b>	<b>Administrative and support and waste management and remediation services</b>	<b>242,034</b>	<b>242,443</b>	<b>237,833</b>	<b>227,159</b>	<b>227,239</b>	<b>223,518</b>	<b>-0.2</b>	<b>1.9</b>	<b>6.5</b>	<b>8.5</b>	<b>949,469</b>	<b>872,729</b>	<b>8.8</b>
561	Administrative and support services	218,239	217,835	213,519	204,693	203,751	199,724	0.2	2.0	7.1	9.1	854,286	780,547	9.4
5613	Employment services	99,223	97,055	93,441	95,318	93,628	86,170	2.2	3.9	6.0	12.6	385,037	345,182	11.5
5615	Travel arrangement and reservation services	10,679	12,055	11,361	10,704	10,619	11,462	-11.4	6.1	0.6	5.2	44,799	43,042	4.1
561 pt	Other administrative and support services <sup>11</sup>	108,337	108,725	108,717	98,671	99,504	102,092	-0.4	Z	8.9	6.5	424,450	392,323	8.2
562	Waste management and remediation services	23,795	24,608	24,314	22,466	23,488	23,794	-3.3	1.2	1.3	3.4	95,183	92,182	3.3
<b>61</b>	<b>Educational services<sup>12</sup></b>	<b>16,870</b>	<b>17,010</b>	<b>17,601</b>	<b>16,317</b>	<b>15,725</b>	<b>15,796</b>	<b>-0.8</b>	<b>-3.4</b>	<b>7.3</b>	<b>7.7</b>	<b>67,798</b>	<b>64,306</b>	<b>5.4</b>
6114	Business schools and computer and management training	3,231	3,377	3,152	3,002	2,940	2,800	-4.3	7.1	9.9	20.6	12,762	11,721	8.9
6115	Technical and trade schools	3,536	3,510	3,423	3,439	3,472	3,676	0.7	2.5	1.8	-4.5	13,908	14,401	-3.4
6116	Other schools and instruction	6,415	6,356	S	S	5,934	5,645	0.9	S	8.1	12.6	S	23,882	S
6117	Educational support services	3,688	3,767	4,392	3,539	3,379	3,675	-2.1	-14.2	9.1	2.5	15,386	14,302	7.6
<b>62</b>	<b>Health care and social assistance</b>	<b>649,839</b>	<b>629,339</b>	<b>630,404</b>	<b>623,667</b>	<b>626,547</b>	<b>600,996</b>	<b>3.3</b>	<b>-0.2</b>	<b>3.7</b>	<b>4.7</b>	<b>2,533,249</b>	<b>2,427,731</b>	<b>4.3</b>
621	Ambulatory health care services	259,127	252,369	251,942	246,744	247,601	238,955	2.7	0.2	4.7	5.6	1,010,182	960,791	5.1
6211	Offices of physicians	127,651	124,070	122,757	119,725	122,967	116,920	2.9	1.1	3.8	6.1	494,203	471,751	4.8
6212	Offices of dentists	30,874	30,888	31,325	S	S	S	Z	-1.4	S	S	S	S	S
6213	Offices of other health practitioners	21,935	21,513	S	21,138	20,783	19,850	2.0	S	5.5	8.4	S	80,124	S
6214	Outpatient care centers	35,311	33,505	33,940	33,502	33,610	32,342	5.4	-1.3	5.1	3.6	136,258	128,686	5.9
6215	Medical and diagnostic laboratories	12,921	12,549	12,626	12,319	12,418	12,067	3.0	-0.6	4.1	4.0	50,415	48,755	3.4
6216	Home health care services	20,980	20,309	20,309	19,856	19,919	19,532	3.3	Z	5.3	4.0	81,454	77,632	4.9
6219	Other ambulatory health care services	9,455	9,535	9,093	8,729	8,766	8,591	-0.8	4.9	7.9	11.0	36,812	34,307	7.3
622	Hospitals	279,861	272,268	273,259	273,088	272,226	261,073	2.8	-0.4	2.8	4.3	1,098,476	1,060,286	3.6
6221	General medical and surgical hospitals	260,766	253,491	254,543	254,750	254,118	242,947	2.9	-0.4	2.6	4.3	1,023,550	988,380	3.6
6222	Psychiatric and substance abuse hospitals	6,460	6,167	6,251	6,327	6,304	6,243	4.8	-1.3	2.5	-1.2	25,205	24,778	1.7
6223	Specialty (except psychiatric and substance abuse) hospitals	12,635	12,610	12,465	12,011	11,804	11,883	0.2	1.2	7.0	6.1	49,721	47,128	5.5
623	Nursing and residential care facilities	62,008	60,356	59,028	58,472	59,831	58,446	2.7	2.2	3.6	3.3	239,864	232,614	3.1
624	Social assistance	48,843	44,346	46,175	45,363	46,889	42,522	10.1	-4.0	4.2	4.3	184,727	174,040	6.1
6241	Individual and family services	24,805	22,848	24,303	23,667	23,563	22,448	8.6	-6.0	5.3	1.8	95,623	89,605	6.7
6242	Community food and housing, and emergency and other relief services	9,632	8,369	8,212	8,062	9,589	7,617	15.1	1.9	0.4	9.9	34,275	32,529	5.4
6243	Vocational rehabilitation services	3,583	3,587	3,537	3,393	3,502	3,466	-0.1	1.4	2.3	3.5	14,100	13,721	2.8
6244	Child day care services	10,823	9,542	10,123	10,241	10,235	8,991	13.4	-5.7	5.7	6.1	40,729	38,185	6.7
<b>71</b>	<b>Arts, entertainment, and recreation</b>	<b>69,279</b>	<b>72,783</b>	<b>67,624</b>	<b>59,994</b>	<b>66,826</b>	<b>66,090</b>	<b>-4.8</b>	<b>7.6</b>	<b>3.7</b>	<b>10.1</b>	<b>269,680</b>	<b>250,250</b>	<b>7.8</b>
711	Performing arts, spectator sports, and related industries	33,298	32,784	28,648	25,261	32,321	29,763	1.6	14.4	3.0	10.2	119,991	111,379	7.7
7111	Performing arts companies	4,379	4,330	4,140	3,972	4,205	4,193	1.1	4.6	4.1	3.3	16,821	15,986	5.2
7112	Spectator sports	13,460	12,461	10,889	9,050	13,392	11,256	8.0	14.4	0.5	10.7	45,860	42,648	7.5
7113	Promoters of performing arts, sports, and similar events	8,187	8,868	7,389	5,972	7,206	7,874	-7.7	20.0	13.6	12.6	30,416	26,920	13.0
7114	Agents and managers for artists, athletes, entertainers, and other public figures	2,421	2,271	1,986	1,894	2,232	2,142	6.6	14.4	8.5	6.0	8,572	7,945	7.9
7115	Independent artists, writers, and performers	4,851	4,854	4,244	4,373	5,286	4,298	-0.1	14.4	-8.2	12.9	18,322	17,880	2.5
712	Museums, historical sites, and similar institutions	4,248	3,954	4,106	3,427	4,202	3,879	7.4	-3.7	1.1	1.9	15,735	15,022	4.7
713	Amusement, gambling, and recreation industries	31,733	36,045	34,870	31,306	30,303	32,448	-12.0	3.4	4.7	11.1	133,954	123,849	8.2
7131	Amusement parks and arcades	5,053	6,977	5,881	3,925	4,483	6,166	-27.6	18.6	12.7	13.2	21,836	19,137	14.1
7132	Gambling industries	7,575	7,910	7,909	7,928	7,159	7,222	-4.2	Z	5.8	9.5	31,322	29,271	7.0
7139	Other amusement and recreation industries	19,105	21,158	21,080	19,453	18,661	19,060	-9.7	0.4	2.4	11.0	80,796	75,441	7.1
<b>721</b>	<b>Accommodation</b>	<b>59,698</b>	<b>67,744</b>	<b>67,517</b>	<b>60,412</b>	<b>59,277</b>	<b>65,849</b>	<b>-11.9</b>	<b>0.3</b>	<b>0.7</b>	<b>2.9</b>	<b>255,371</b>	<b>242,457</b>	<b>5.3</b>
7211	Traveler accommodation	58,306	65,189	65,476	58,862	57,991	63,472	-10.6	-0.4	0.5	2.7	247,833	235,258	5.3
7212	RV (recreational vehicle) parks and recreational camps	1,022	2,179	1,770	1,212	943	1,960	-53.1	23.1	8.4	11.2	6,183	5,770	7.2
7213	Rooming and boarding houses	370	376	271	338	343	417	-1.6	38.7	7.9	-9.8	1,355	1,429	-5.2



**Table 1b. Selected Services - Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted**

[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey. For additional information see [www.census.gov/services](http://www.census.gov/services)]

2012 NAICS code <sup>1</sup>	Kind of business	Total revenue (millions of dollars)						Percent change				Year to date		
		4Q 2017 (p)	3Q 2017	2Q 2017	1Q 2017	4Q 2016	3Q 2016	4Q 2017 from 3Q 2017 (p)	3Q 2017 from 2Q 2017	4Q 2017 from 4Q 2016 (p)	3Q 2017 from 3Q 2016	2017 (p)	2016	2017 from 2016 (p)
81	<b>Other services (except public administration)<sup>13</sup></b> .....	<b>158,292</b>	<b>142,548</b>	<b>141,142</b>	<b>133,369</b>	<b>144,054</b>	<b>128,538</b>	<b>11.0</b>	<b>1.0</b>	<b>9.9</b>	<b>10.9</b>	<b>575,351</b>	<b>518,013</b>	<b>11.1</b>
811	Repair and maintenance .....	44,815	43,719	44,324	42,540	41,900	42,727	2.5	-1.4	7.0	2.3	175,398	168,993	3.8
8111	Automotive repair and maintenance .....	28,663	28,197	28,560	27,520	27,323	27,941	1.7	-1.3	4.9	0.9	112,940	110,289	2.4
8112	Electronic and precision equipment repair and maintenance .....	4,415	4,268	4,384	4,494	4,431	4,400	3.4	-2.6	-0.4	-3.0	17,561	17,122	2.6
8113	Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance .....	9,671	9,203	9,266	8,849	8,344	8,399	5.1	-0.7	15.9	9.6	36,989	33,868	9.2
8114	Personal and household goods repair and maintenance .....	2,066	2,051	2,114	1,677	1,802	1,987	0.7	-3.0	14.7	3.2	7,908	7,714	2.5
812	Personal and laundry services .....	28,097	27,153	27,963	26,747	27,207	26,567	3.5	-2.9	3.3	2.2	109,960	106,185	3.6
8121	Personal care services .....	S	S	S	9,453	9,257	9,470	S	S	S	S	S	37,166	S
8122	Death care services .....	4,705	4,520	4,811	5,042	4,872	4,546	4.1	-6.0	-3.4	-0.6	19,078	18,787	1.5
8123	Drycleaning and laundry services .....	7,239	7,022	6,925	6,632	6,706	6,638	3.1	1.4	7.9	5.8	27,818	26,662	4.3
8129	Other personal services .....	S	S	S	5,620	6,372	5,913	S	S	S	S	S	23,570	S
813	Religious, grantmaking, civic, professional, and similar organizations <sup>14</sup> .....	85,380	71,676	68,855	64,082	74,947	59,244	19.1	4.1	13.9	21.0	289,993	242,835	19.4

(p) Preliminary estimate. Z Absolute value is less than .05.

S Estimate does not meet publication standards because of high variability (coefficient of variation greater than 30%), poor response quality (total quantity response rate is less than 50%) or other concerns about the estimate's quality. Unpublished estimates derived from this table by subtraction are subject to these same limitations and should not be attributed to the U.S. Census Bureau. For a description of publication standards and the total quantity response rate, see [www.census.gov/quality/guidelines/index.html](http://www.census.gov/quality/guidelines/index.html).

(1) For a full description of the NAICS (North American Industry Classification System) codes used in this table, see the 2012 NAICS manual or [www.census.gov/eos/www/naics/](http://www.census.gov/eos/www/naics/).

(2) Includes NAICS 22 (Utilities), NAICS 48-49 (Transportation and warehousing), NAICS 51 (Information), NAICS 52 (Finance and insurance), NAICS 53 (Real estate and rental and leasing), NAICS 54 (Selected professional, scientific, and technical services), NAICS 56 (Administrative and support and waste management and remediation services), NAICS 61 (Educational services), NAICS 62 (Health care and social assistance), NAICS 71 (Arts, entertainment, and recreation), NAICS 721 (Accommodation), and NAICS 81 (Other services (except public administration)). Exclusions listed in footnotes 3, 4, 7, 9, 12, and 13 also apply to the Selected Services Total.

(3) Excludes government owned utilities.

(4) Excludes NAICS 482 (Rail transportation) and 491 (Postal service).

(5) Includes NAICS 51113 (Book publishers), 51114 (Directory and mailing list publishers), and 51119 (Other publishers).

(6) Includes NAICS 5174 (Satellite telecommunications), and 5179 (Other telecommunications).

(7) Excludes NAICS 525 (Funds, trusts, and other financial vehicles).

(8) Excludes NAICS 521 (Monetary authorities-central bank) and NAICS 525 (Funds, trusts, and other financial vehicles).

(9) Excludes NAICS 54112 (Offices of notaries).

(10) Includes all of NAICS 5413 (Architectural, engineering, and related services) except 54133 (Engineering services).

(11) Includes NAICS 5611 (Office administrative services), 5612 (Facilities support services), 5614 (Business support services), 5616 (Investigation and security services), 5617 (Services to buildings and dwellings), and 5619 (Other support services).

(12) Excludes NAICS 6111 (Elementary and secondary schools), 6112 (Junior colleges), and 6113 (Colleges, universities, and professional schools).

(13) Excludes NAICS 8131 (Religious organizations), 81393 (Labor unions and similar labor organizations), 81394 (Political organizations), and 814 (Private households).

(14) Excludes NAICS 8131 (Religious organizations), 81393 (Labor unions and similar labor organizations), and 81394 (Political organizations).

Note: Estimates cover taxable and tax-exempt firms unless otherwise specified. Additionally, estimates for some sectors and subsectors may include data for kinds of business not shown. Table 2 provides estimated measures of sampling variability. Data users who create their own estimates using data from this report should cite the U.S. Census Bureau as the source of the original data only. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions may be found at [www.census.gov/services/qss/cv.html](http://www.census.gov/services/qss/cv.html). For NAICS 52, estimates may include unrealized gains (losses).



Table 2. Selected Services - Estimated Measures of Sampling Variability

[Estimates are shown as percents and are based on data from the Quarterly Services Survey]

2012 NAICS code	Kind of business	Coefficient of variation for total revenue						Standard error for percent change				Year to Date		
												Coefficient of variation		Standard error
		4Q 2017 (p)	3Q 2017	2Q 2017	1Q 2017	4Q 2016	3Q 2016	4Q 2017 from 3Q 2017 (p)	3Q 2017 from 2Q 2017	4Q 2017 from 4Q 2016 (p)	3Q 2017 from 3Q 2016	2017 (p)	2016	2017 from 2016 (p)
	<b>Selected Services Total .....</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>1.4</b>	<b>1.4</b>	<b>1.4</b>	<b>0.1</b>	<b>0.1</b>	<b>1.9</b>	<b>1.8</b>	<b>0.8</b>	<b>1.4</b>	<b>1.9</b>
22	<b>Utilities .....</b>	<b>2.2</b>	<b>3.1</b>	<b>2.1</b>	<b>4.1</b>	<b>4.2</b>	<b>4.5</b>	<b>1.4</b>	<b>1.9</b>	<b>4.0</b>	<b>5.1</b>	<b>2.1</b>	<b>4.2</b>	<b>4.3</b>
2211	Electric power generation, transmission and distribution .....	3.2	3.5	2.5	5.0	4.9	5.1	1.5	2.6	5.2	5.7	2.8	4.9	5.2
2212	Natural gas distribution .....	4.4	5.3	5.7	2.9	3.0	4.2	5.6	1.5	6.0	8.8	4.6	2.8	6.5
2213	Water, sewage and other systems .....	4.6	5.3	5.1	7.9	7.3	6.7	2.5	1.7	10.0	9.8	5.0	6.9	9.5
48-49	<b>Transportation and warehousing .....</b>	<b>1.6</b>	<b>1.9</b>	<b>2.2</b>	<b>2.5</b>	<b>2.6</b>	<b>2.7</b>	<b>0.6</b>	<b>0.5</b>	<b>3.7</b>	<b>3.7</b>	<b>1.9</b>	<b>2.6</b>	<b>3.8</b>
481	Air transportation .....	1.7	1.5	1.5	2.9	3.8	4.4	1.6	0.4	4.0	4.5	1.4	4.2	4.4
483	Water transportation .....	7.8	7.9	7.7	2.8	3.2	3.1	0.4	0.4	12.1	12.2	7.7	3.2	11.8
4831	Deep sea, coastal, and Great Lakes water transportation.....	9.6	9.1	9.2	3.6	4.1	3.8	0.4	0.6	14.9	14.2	9.3	4.0	14.3
4832	Inland water transportation.....	3.7	4.6	3.7	3.9	4.6	4.8	2.3	1.9	5.0	5.7	3.8	4.1	5.1
484	Truck transportation .....	4.1	5.3	6.1	6.9	7.6	7.9	1.3	1.0	9.5	10.1	5.2	7.8	10.0
4841	General freight trucking .....	6.4	8.4	9.6	10.8	11.5	11.9	1.9	1.7	15.8	17.4	8.1	11.6	16.4
48412	General freight trucking, long-distance .....	4.2	4.1	4.0	11.6	12.3	12.5	1.8	1.3	14.5	14.0	3.9	12.5	13.0
4842	Specialized freight trucking .....	2.3	1.9	1.8	4.8	4.5	4.1	1.3	1.5	6.8	5.6	1.9	3.8	5.9
485	Transit and ground passenger transportation .....	2.6	3.4	3.7	6.5	6.2	5.5	1.3	1.6	5.0	4.0	3.1	5.8	4.6
486	Pipeline transportation .....	1.4	1.2	1.4	1.9	1.9	1.8	0.2	0.3	2.7	2.4	1.3	1.6	2.4
487	Scenic and sightseeing transportation .....	4.4	7.1	5.9	10.6	11.9	10.7	1.9	5.9	24.6	36.7	5.7	9.8	24.6
488	Support activities for transportation .....	3.6	3.3	4.0	6.4	6.5	5.9	1.0	1.5	9.4	9.1	3.6	6.0	9.8
492	Couriers and messengers .....	3.5	4.8	3.8	1.7	1.6	1.6	1.4	0.9	5.6	6.9	4.0	1.6	6.1
493	Warehousing and storage .....	5.7	5.6	5.3	6.3	6.8	6.0	1.9	0.6	10.5	11.2	5.4	6.0	10.7
51	<b>Information .....</b>	<b>1.5</b>	<b>1.6</b>	<b>1.4</b>	<b>1.3</b>	<b>1.3</b>	<b>1.4</b>	<b>0.3</b>	<b>0.2</b>	<b>1.7</b>	<b>1.9</b>	<b>1.5</b>	<b>1.5</b>	<b>1.8</b>
511	Publishing industries (except Internet) .....	2.9	2.3	2.3	5.5	5.3	4.6	1.2	0.7	5.5	4.6	2.4	5.1	5.0
51111	Newspaper publishers .....	4.3	4.5	4.6	4.1	4.4	4.9	0.9	0.7	5.5	5.4	4.4	5.0	5.9
51112	Periodical publishers .....	5.0	5.3	5.3	4.7	5.8	3.6	1.6	2.6	7.7	7.7	5.0	4.1	7.0
5111 pt	Book, directory and mailing list, and other publishers .....	4.3	3.2	3.2	4.5	4.2	4.6	3.0	1.7	4.6	3.9	3.3	4.3	3.4
5112	Software publishers .....	3.6	2.8	2.8	7.2	6.9	6.0	1.4	0.8	7.2	6.4	2.9	6.6	6.9
512	Motion picture and sound recording industries .....	1.0	1.1	1.2	3.4	4.0	3.2	0.7	1.0	3.2	2.6	1.0	3.8	3.3
515	Broadcasting (except Internet) .....	1.1	0.9	1.0	1.7	1.9	1.4	0.5	0.3	2.6	2.0	1.0	1.7	2.4
5151	Radio and television broadcasting .....	2.0	2.0	1.8	2.7	2.9	2.6	1.1	0.7	3.9	3.4	1.8	2.9	3.6
5152	Cable and other subscription programming .....	1.4	1.4	1.4	1.2	1.3	1.2	0.1	0.1	2.1	2.0	1.4	1.2	2.0
517	Telecommunications .....	1.4	1.6	1.5	1.7	1.7	1.7	0.8	0.2	1.4	2.1	1.4	1.8	1.9
5171	Wired telecommunications carriers .....	2.1	1.9	1.7	3.4	3.2	3.4	0.3	0.3	2.8	3.0	1.8	3.5	3.0
5172	Wireless telecommunications carriers (except satellite) .....	1.9	1.8	1.8	2.4	2.6	2.6	1.5	0.1	3.5	3.8	1.7	2.7	3.7
517 pt	Other telecommunications .....	3.9	4.7	4.3	3.3	3.5	3.6	0.9	0.8	6.9	8.2	4.1	3.8	7.4
518	Data processing, hosting, and related services .....	3.3	3.1	3.5	3.4	3.4	3.5	0.9	1.1	6.8	6.4	3.3	3.7	6.8
519	Other information services.....	5.3	5.7	5.6	4.5	3.6	3.1	1.1	0.4	7.9	8.1	5.5	3.7	8.1
52	<b>Finance and insurance .....</b>	<b>1.8</b>	<b>1.9</b>	<b>1.9</b>	<b>4.7</b>	<b>5.3</b>	<b>4.8</b>	<b>0.4</b>	<b>0.2</b>	<b>5.4</b>	<b>5.1</b>	<b>1.9</b>	<b>5.0</b>	<b>5.3</b>
52 pt	Finance and insurance (except monetary authorities-central bank)	1.8	1.9	1.9	4.8	5.4	5.0	0.4	0.3	5.5	5.2	1.9	5.1	5.4
521	Monetary authorities-central bank.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
522	Credit intermediation and related activities.....	1.9	1.9	1.9	4.2	4.5	4.4	0.4	0.3	5.5	5.3	1.9	4.5	5.4
5221	Depository credit intermediation.....	4.0	3.7	3.6	7.6	7.9	7.7	0.7	0.5	9.7	8.9	3.8	8.0	9.4
5222	Nondepository credit intermediation.....	3.2	3.3	3.3	4.0	4.3	4.6	0.3	0.4	6.0	6.1	3.3	4.3	5.9
5223	Activities related to credit intermediation.....	2.7	2.6	2.3	3.6	3.0	2.4	0.5	0.5	4.5	4.1	2.5	2.5	3.8
523	investments and related activities	4.0	4.6	4.5	4.0	4.0	4.4	1.0	0.5	5.5	6.5	4.4	3.8	5.7
5231	Securities and commodity contracts intermediation and brokerage .....	9.1	9.0	9.3	7.1	7.5	7.2	1.2	0.8	9.0	8.8	8.9	6.7	8.8
5232	Securities and commodity exchanges .....	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
5239	Other financial investment activities .....	2.7	3.1	2.8	4.9	4.9	5.0	1.1	0.6	7.1	7.3	2.9	4.2	6.6
524	Insurance carriers and related activities .....	2.2	2.2	2.1	7.1	8.0	7.1	0.6	0.4	7.7	6.9	2.1	7.5	7.3
5241	Insurance carriers .....	2.7	2.7	2.6	8.2	9.2	8.3	0.5	0.5	9.2	8.5	2.6	8.6	8.9
5242	Agencies, brokerages, and other insurance related activities .....	2.2	2.4	2.4	4.5	3.8	4.4	1.2	0.7	5.0	5.6	2.3	4.2	5.5
53	<b>Real estate and rental and leasing .....</b>	<b>1.5</b>	<b>1.7</b>	<b>2.0</b>	<b>4.7</b>	<b>4.8</b>	<b>5.4</b>	<b>0.6</b>	<b>0.7</b>	<b>5.5</b>	<b>5.7</b>	<b>1.7</b>	<b>5.0</b>	<b>5.6</b>
531	Real estate .....	2.5	2.9	2.9	6.3	6.5	7.4	0.8	0.7	7.2	7.9	2.8	6.9	7.7
5311	Lessors of real estate.....	4.0	4.5	4.3	7.8	8.2	9.4	0.9	1.2	9.0	9.5	4.2	8.8	9.2
5312	Offices of real estate agents and brokers.....	4.1	3.2	3.6	11.6	10.7	11.6	1.8	0.9	13.4	11.4	3.4	11.1	12.3
5313	Activities related to real estate.....	2.5	2.2	2.1	7.4	6.1	6.7	1.6	1.1	5.2	6.6	2.2	6.6	6.1
532	Rental and leasing services .....	2.9	3.0	3.5	4.4	4.6	3.9	0.5	1.2	6.3	5.9	3.0	4.2	6.1
5321	Automotive equipment rental and leasing .....	1.7	1.8	2.8	3.3	3.4	3.2	0.6	1.1	4.5	4.1	2.1	3.2	4.3
53211	Passenger car rental and leasing.....	3.3	3.6	5.1	3.4	3.3	3.0	0.4	1.5	5.3	5.2	4.1	3.0	5.8
53212	Truck, utility trailer, and RV (recreational vehicle) rental and leasing .....	4.2	3.6	4.0	5.2	5.6	5.1	1.2	1.3	9.7	7.7	3.8	5.2	7.5
5322	Consumer goods rental .....	8.0	7.0	6.7	8.9	10.3	10.9	1.9	3.9	11.8	10.1	7.5	10.2	9.5
5323	General rental centers.....	S	S	S	S	S	S	S	S	S	S	S	S	S

Table 2. Selected Services - Estimated Measures of Sampling Variability

[Estimates are shown as percents and are based on data from the Quarterly Services Survey]

2012 NAICS code	Kind of business	Coefficient of variation for total revenue						Standard error for percent change				Year to Date		
		4Q 2017 (p)	3Q 2017	2Q 2017	1Q 2017	4Q 2016	3Q 2016	4Q 2017 from 3Q 2017 (p)	3Q 2017 from 2Q 2017	4Q 2017 from 4Q 2016 (p)	3Q 2017 from 3Q 2016	Coefficient of variation		Standard error
												2017 (p)	2016	2017 from 2016 (p)
5324	Commercial and industrial machinery and equipment rental and leasing .....	7.5	7.8	7.9	6.1	6.4	5.7	0.9	1.3	11.2	11.2	7.6	5.8	10.8
533	(except copyrighted works) .....	4.5	6.6	5.0	6.6	5.7	7.1	2.1	3.2	8.2	11.4	5.1	6.8	9.8
54	Professional, scientific, and technical services .....	1.9	1.8	1.7	1.6	2.1	2.2	0.6	0.6	3.1	3.3	1.8	2.1	3.3
5411	Legal services .....	3.9	2.7	2.3	3.1	3.7	2.7	3.1	1.3	4.9	3.6	2.7	2.7	3.8
5412	Accounting, tax preparation, bookkeeping, and payroll services .....	2.9	2.3	1.9	3.4	4.4	4.8	1.8	1.1	4.3	3.8	1.9	4.1	3.3
5413	Architectural, engineering, and related services .....	3.9	3.6	3.9	4.1	5.5	5.1	1.8	1.9	10.7	10.3	3.6	4.7	9.8
5413 pt	Architectural and related services .....	6.5	5.8	6.8	4.7	8.6	7.8	4.6	3.8	12.4	13.2	6.2	8.1	12.7
54133	Engineering services .....	4.1	4.2	3.6	5.2	6.6	6.1	1.8	2.1	12.8	12.4	3.7	5.5	11.3
5414	Specialized design services.....	5.8	5.1	4.1	3.8	4.5	4.0	5.2	2.6	7.5	9.6	3.7	4.0	7.5
5415	Computer systems design and related services .....	2.0	2.4	2.4	6.1	5.9	7.1	1.5	1.5	5.8	6.7	2.0	6.9	6.5
5416	Management, scientific, and technical consulting services .....	4.2	3.4	2.6	5.6	5.4	5.4	1.7	1.5	6.9	6.3	3.2	5.3	6.3
5417	Scientific research and development services .....	7.3	8.5	7.4	4.7	7.3	6.9	1.6	1.3	11.9	11.7	7.6	6.3	11.2
5418	Advertising, public relations, and related services .....	1.5	1.6	1.9	3.6	3.4	3.1	0.6	0.8	4.1	3.9	1.7	3.1	3.9
5419	Other professional, scientific, and technical services.....	4.4	5.0	4.4	8.4	7.7	6.1	1.9	1.7	10.6	10.0	4.5	6.5	9.8
56	Administrative and support and waste management and remediation services .....	2.4	2.5	2.3	1.3	1.3	1.4	0.6	0.5	3.5	3.8	2.3	1.4	3.6
561	Administrative and support services .....	2.6	2.7	2.4	1.8	1.9	1.9	0.6	0.4	4.3	4.3	2.5	1.9	4.2
5613	Employment services .....	4.3	4.8	4.5	5.0	4.5	4.5	0.6	0.6	6.7	7.7	4.4	4.1	6.7
5615	Travel arrangement and reservation services .....	4.2	4.2	3.5	7.6	7.3	8.5	1.5	2.1	12.1	15.2	3.7	7.7	13.0
561 pt	Other administrative and support services .....	2.9	2.9	2.2	3.9	3.7	4.0	0.9	0.9	6.1	5.6	2.7	3.8	5.9
562	Waste management and remediation services .....	2.2	3.4	2.9	3.7	4.0	3.7	1.4	1.3	5.2	6.0	2.8	3.6	5.7
61	Educational services .....	2.7	3.0	1.9	5.7	5.2	4.8	1.8	2.1	5.6	4.9	2.3	4.9	5.3
6114	Business schools and computer and management training .....	7.0	7.1	6.1	18.0	18.0	17.5	3.3	3.0	19.4	21.9	6.6	17.4	19.1
6115	Technical and trade schools .....	6.3	4.4	5.4	12.2	11.7	13.7	2.5	2.1	12.5	12.1	5.2	12.1	11.9
6116	Other schools and instruction.....	7.6	7.1	S	S	5.8	8.4	3.8	S	12.2	13.7	S	6.8	S
6117	Educational support services .....	4.7	6.0	2.8	4.3	4.2	8.1	3.0	3.4	5.8	8.1	3.6	3.9	5.1
62	Health care and social assistance .....	1.5	1.3	1.4	2.2	1.9	1.9	0.3	0.3	1.4	1.7	1.3	2.0	1.6
621	Ambulatory health care services .....	1.4	1.3	1.2	2.1	2.0	2.1	0.4	0.4	2.2	2.5	1.2	1.9	2.5
6211	Offices of physicians.....	2.6	2.4	2.7	5.8	5.4	5.8	0.6	0.7	5.8	7.1	2.5	5.5	6.8
6212	Offices of dentists.....	4.2	4.0	3.1	S	S	S	1.7	1.8	S	S	S	S	S
6213	Offices of other health practitioners .....	4.3	3.9	S	5.2	4.6	5.2	1.8	S	8.2	7.4	S	4.7	S
6214	Outpatient care centers .....	3.4	2.9	2.6	3.6	4.2	3.3	0.6	0.9	6.1	5.2	2.8	3.6	5.3
6215	Medical and diagnostic laboratories .....	3.8	3.2	3.2	4.1	4.1	3.9	0.9	0.9	7.1	5.9	3.3	3.9	6.2
6216	Home health care services .....	6.6	6.1	5.9	3.9	3.6	4.3	1.1	0.7	5.9	6.8	6.1	3.9	6.6
6219	Other ambulatory health care services .....	3.8	3.5	3.6	5.4	5.7	6.1	0.9	0.8	5.9	7.1	3.6	5.9	6.3
622	Hospitals .....	2.6	2.5	2.5	3.8	3.7	3.4	0.4	0.4	2.3	2.7	2.5	3.7	2.5
6221	General medical and surgical hospitals.....	2.6	2.4	2.5	4.0	4.0	3.7	0.5	0.4	2.6	2.8	2.5	3.9	2.7
6222	Psychiatric and substance abuse hospitals.....	4.9	5.2	5.8	8.2	9.3	9.1	1.0	1.0	6.3	6.7	5.3	9.0	6.4
6223	Specialty (except psychiatric and substance abuse) hospitals.....	7.5	7.6	7.1	7.3	7.1	7.0	0.6	0.7	13.0	13.1	7.3	7.1	12.4
623	Nursing and residential care facilities .....	1.8	2.0	2.4	4.5	4.6	4.9	0.8	1.1	4.6	4.8	2.0	4.6	4.3
624	Social assistance .....	2.2	2.6	2.1	3.3	3.0	1.9	1.3	1.4	4.3	4.1	2.1	2.3	4.0
6241	Individual and family services.....	3.6	3.7	3.7	3.5	3.1	1.8	2.0	2.2	4.4	3.9	3.6	1.9	4.1
6242	Community food and housing, and emergency and other relief services .....	6.2	6.1	6.3	4.4	4.2	5.0	2.2	2.0	8.2	9.6	5.9	4.1	8.6
6243	Vocational rehabilitation services .....	11.3	10.9	9.3	8.0	9.4	8.0	1.7	2.3	15.8	14.0	9.9	9.0	14.5
6244	Child day care services .....	4.8	5.7	4.2	6.4	6.8	7.2	4.3	2.4	14.8	15.2	4.5	6.5	12.9
71	Arts, entertainment, and recreation.....	2.6	2.3	2.4	3.0	3.6	3.5	1.4	1.1	3.9	4.0	2.3	3.1	3.9
711	Performing arts, spectator sports, and related industries .....	2.2	1.3	3.0	3.7	3.8	3.9	2.5	2.5	5.5	5.1	2.2	3.6	5.8
7111	Performing arts companies.....	4.3	5.5	4.6	6.3	7.0	10.6	6.7	6.5	11.6	15.3	3.5	7.6	11.2
7112	Spectator sports.....	3.2	3.2	3.3	11.9	8.6	9.2	3.1	1.9	10.2	14.3	3.4	8.5	11.5
7113	Promoters of performing arts, sports, and similar events.....	5.5	5.1	6.2	7.9	2.2	2.2	4.6	5.1	6.5	6.9	5.1	2.9	6.7
7114	Agents and managers for artists, athletes, entertainers, and other public figures .....	5.7	3.6	4.9	11.2	11.3	11.7	2.8	2.2	23.5	19.8	4.7	10.9	21.3
7115	Independent artists, writers, and performers.....	7.7	9.4	8.7	16.0	12.9	10.0	6.8	12.0	23.9	19.3	7.6	10.0	25.9
712	Museums, historical sites, and similar institutions.....	8.6	9.0	9.0	6.3	5.4	5.0	2.8	2.6	10.0	11.7	9.2	4.4	11.3
713	Amusement, gambling, and recreation industries.....	5.2	4.3	4.3	5.7	5.3	5.3	1.3	0.7	7.1	7.4	4.7	4.9	7.1
7131	Amusement parks and arcades.....	2.8	5.9	6.2	5.9	4.5	5.2	2.9	4.1	6.4	6.4	4.4	4.1	6.4
7132	Gambling industries.....	14.7	13.8	13.6	11.3	10.8	12.1	1.2	0.5	22.1	25.6	14.1	11.5	23.6
7139	Other amusement and recreation industries.....	3.7	2.2	1.8	6.3	6.4	7.6	2.1	1.4	8.2	10.8	2.4	6.4	8.0
721	Accommodation .....	1.3	1.4	1.6	2.9	3.5	3.5	0.7	0.7	4.1	4.3	1.3	3.2	4.0
7211	Traveler accommodation .....	1.4	1.4	1.7	2.9	3.5	3.5	0.7	0.8	4.1	4.2	1.3	3.2	4.0

Table 2. Selected Services - Estimated Measures of Sampling Variability

[Estimates are shown as percents and are based on data from the Quarterly Services Survey]

2012 NAICS code	Kind of business	Coefficient of variation for total revenue						Standard error for percent change				Year to Date		
												Coefficient of variation		Standard error
		4Q 2017 (p)	3Q 2017	2Q 2017	1Q 2017	4Q 2016	3Q 2016	4Q 2017 from 3Q 2017 (p)	3Q 2017 from 2Q 2017	4Q 2017 from 4Q 2016 (p)	3Q 2017 from 3Q 2016	2017 (p)	2016	2017 from 2016 (p)
7212	RV (recreational vehicle) parks and recreational camps .....	5.3	5.3	5.4	6.9	7.5	6.3	2.7	6.7	14.6	16.6	4.3	5.4	10.3
7213	Rooming and boarding houses .....	7.5	3.4	9.2	7.3	11.9	16.3	5.2	13.7	18.9	13.3	5.7	16.2	16.7
81	Other services (except public administration) .....	2.6	1.8	2.4	2.3	2.4	2.0	3.1	2.5	5.1	3.7	1.8	2.2	4.0
811	Repair and maintenance .....	4.2	4.8	3.6	5.0	4.4	3.9	0.9	1.3	8.1	7.1	4.0	3.8	6.4
8111	Automotive repair and maintenance .....	7.5	7.7	6.8	7.8	7.9	6.5	1.2	1.2	11.5	9.1	7.2	6.3	8.9
8112	Electronic and precision equipment repair and maintenance .....	3.7	4.7	5.3	21.3	21.6	16.7	3.1	2.4	13.4	11.7	4.1	17.5	13.0
8113	Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance .....	10.3	10.0	8.9	9.5	9.7	9.9	1.7	3.0	37.8	29.8	9.1	9.5	31.0
8114	Personal and household goods repair and maintenance .....	9.2	7.8	8.8	16.8	14.8	15.6	3.8	4.4	26.0	20.7	8.0	15.1	18.3
812	Personal and laundry services.....	2.7	2.9	3.0	4.2	4.1	4.3	1.0	0.6	3.3	3.6	2.7	4.3	4.0
8121	Personal care services.....	S	S	S	8.9	9.4	9.7	S	S	S	S	S	9.5	S
8122	Death care services.....	4.9	4.0	4.6	8.8	8.0	8.1	4.2	1.9	8.6	9.0	3.9	8.2	9.8
8123	Drycleaning and laundry services.....	5.2	4.6	4.6	10.4	10.2	9.5	1.9	0.7	12.0	12.6	4.7	9.6	11.8
8129	Other personal services.....	S	S	S	8.1	8.0	7.2	S	S	S	S	S	7.1	S
813	similar organizations .....	4.4	2.1	4.5	3.2	2.8	3.3	6.1	6.0	7.3	3.8	2.9	2.7	4.1

(p) Preliminary estimate. Z Absolute value is less than .05.  
S Corresponding estimate in Table 1a and/or 1b does not meet publication standards because of high sampling variability, poor response quality or other concerns about the estimate's quality.

Note: Estimated measures of sampling variability are based on data not adjusted for seasonal variation, and should be used when drawing inferences about both adjusted and not adjusted estimates. Standard errors for percent changes that include estimates prior to Q1 2017 may be larger than those previously published because the estimated totals used to produce the percent changes are derived from different samples. Additional information on confidentiality protection, sampling error, nonsampling errors, sample design, and definitions may be found at [www.census.gov/services/qss/cv/html](http://www.census.gov/services/qss/cv/html).

## EXPLANATORY NOTES

### Survey Description

The U.S. Census Bureau conducts the Quarterly Services Survey to provide national estimates of quarterly revenue for employer firms located in the United States and classified in select service industries. The current total sample size is approximately 19,500 employer firms.

Each quarter, questionnaires are mailed to a probability sample of employer firms selected from the larger Service Annual Survey sample. The QSS sample includes firms of all sizes and is updated on a quarterly basis to account for new services businesses, deaths, and other changes to the survey universe. Data for nonresponding firms are imputed based on data for similar-sized firms classified in the same kind of business. The following table lists imputation rates of total quarterly revenue for the industries published in the QSS:

2012 NAICS Code	Kind of Business	Imputation Rate of Total Quarterly Revenue (in %)
	Selected Services Total	30
22	Utilities	9
48-49	Transportation and warehousing	27
51	Information	21
52	Finance and insurance	20
53	Real estate and rental and leasing	40
54	Professional, scientific, and technical services	40
56	Administrative and support and waste management and remediation services	44
61	Educational services	44
62	Health care and social assistance	38
71	Arts, entertainment, and recreation	37
721	Accommodation	39
81	Other services (except public administration)	40

Quarterly revenue estimates are obtained by summing weighted data (either reported or imputed), where the weight for a particular unit is the reciprocal of its probability of being selected into the sample. The estimates are benchmarked using results of the latest SAS. Additional information on the QSS can be found on the Census Bureau website at <[www.census.gov/services/](http://www.census.gov/services/)>.

### Description of Seasonal Adjustment

To derive the seasonally adjusted revenue estimates published in this report, we used all available quarterly

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revenue estimates as input to the Census Bureau's X-13 ARIMA-SEATS program. With each non-advance quarterly release, we publish preliminary seasonally adjusted estimates for the current quarter and revised seasonally adjusted estimates for the previous five quarters. The seasonal adjustment models used to derive seasonal factors for each kind of business are evaluated annually and will not be revised until the next benchmarking operation. For a table of the seasonal adjustment factors, see [www.census.gov/services/qss/qssseasfactors.xls](http://www.census.gov/services/qss/qssseasfactors.xls). A list of "Frequently Asked Questions" on seasonal adjustment of QSS estimates is available at [www.census.gov/services/qss/seasonally adjusted\\_faqs](http://www.census.gov/services/qss/seasonally_adjusted_faqs).

### Reliability of the Estimates

The estimates in this report may differ from the actual, but unknown, population values. For a particular estimate, statisticians define this difference as the total error of the estimate. When describing the accuracy of survey results, it is convenient to discuss total error as the sum of sampling error and nonsampling error. Nonsampling error is the difference between the actual population parameter and the value that would be derived by surveying the entire set of units identified as the survey universe (the sampling frame). There are many potential contributors to nonsampling error – the inclusion of erroneous units in the survey (overcoverage), the exclusion of eligible units from the survey (undercoverage), nonresponse, misreporting, mistakes in recording and coding responses, misinterpretation of questions, and other errors of collection, response, coverage, or processing. Though nonsampling error is not measured directly, the Census Bureau employs quality control procedures throughout the process to minimize this type of error. Sampling error is the average difference between the estimate and the result that would be obtained from a complete enumeration of the sampling frame conducted under the same survey conditions. This error occurs because only a subset of the entire sampling frame is measured in a sample survey. Common measures of sampling error are the sampling variance, the standard error, and the coefficient of variation. The sampling variance is defined as the squared difference, averaged over all possible samples of the same size and design, between the estimator and its average value. The standard error is the square root of the sampling variance. The CV expresses the standard error as a percentage of the estimate to which it refers. For example, an estimate of 200 units that has an estimated standard error of 10 units has an estimated CV of 5 percent. The sampling variance, standard error, and CV of an estimate can be estimated from the selected sample because the sample was selected using probability sampling. Standard errors and coefficients of variation are given in Table 2 of this report.

The first page of this release gives statements about the change in revenue from a prior period. Each change estimate is accompanied by a number in parentheses, called the "margin of error." The margin of error can be used to construct a 90-percent confidence interval, which is interpreted as follows. If, for each possible sample, an estimate and its approximate standard error are obtained, then for approximately 90 percent of the possible samples, the interval from 1.895 standard errors below to 1.895 standard errors above the estimate would include the average of the estimates derived from all possible samples. If, for example, a particular change estimate is +1.2 percent and its associated margin of error is  $\pm 1.5$  percentage points, then

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the 90-percent confidence interval for the change estimate is -0.3 percent to +2.7 percent. If the interval contains 0, then one does not have sufficient evidence to conclude at the 90-percent confidence level that the actual change is different from zero. Each comparison stated in this report has undergone statistical testing and is significant at the 90-percent confidence level, unless otherwise noted. Data users should take into account the estimates of sampling error and the potential effects of nonsampling error when using the statistics in this publication.

Additional information regarding the methodology used in conducting this survey is available at [www.census.gov/services/qss/how\\_the\\_data\\_are\\_collected](http://www.census.gov/services/qss/how_the_data_are_collected).

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